

## CENTRE FOR SUSTAINABLE ENERGY TECHNOLOGIES (CSET)

To be a department of academic excellence, producing quality electrical engineers capable of meeting the challenges of rapidly evolving technology and contributing to the welfare of society.

### RESEARCH FOCUS AREAS

- ⚡ Advanced Electrical Machines & Intelligent Drives
- 🏭 Industrial Electrical Technologies & Automation
- 🔌 Microgrid Protection, Stability & Cyber-Physical Sys.
- 🔋 Hybrid Energy Systems & Distributed Generation
- ☀️ Renewable Energy Conversion & Smart Integration
- 🌱 Sustainable Energy & Green Technologies
- ⚡ Power Electronics & Converter Technologies
- 🌐 Smart Grids, IoT & Energy Informatics
- 🤖 Artificial Intelligence, Data Analytics & Digital Twins



39

Faculty



13

Supervisors



08

MOUs

### Our MOUs

NaVTech Electronics,  
M/d Twinklelite Technologies,  
Margarita Tech,  
Rachana Machines,  
HBL Power Systems, HVS  
Technologies,  
Archimedes Green Energy Ltd,  
NIT Warangal.

### RESEARCH & PROJECTS



FUNDED PROJECTS

15



Research Grants  
Completed

1.31 Crores



Ongoing Research  
Projects

11.3 Lakhs



Consultancy Works

59 Lakhs

### Publications and Intellectual Property



Publications 500+ Patents Published 49 Granted 7

### PhD Scholars working with our faculty (Full Time & Part Time)



Total Scholars : 21

Graduated: 05 Thesis submitted: 02



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